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SANTA ANA WATERSHED PROJECT AUTHORITY

BASIN MONITORING PROGRAM TASK FORCE

Wednesday, August 16, 2017
1:30 p.m. – 3:30 p.m.
At SAWPA, 11615 Sterling Avenue, Riverside, CA 92503

AGENDA

1. Introductions
2. Public Comments
3. Approval of June 13, 2017 Meeting Summary
4. Final 2016 Annual Report of Santa Ana River Water Quality - SAWPA
5. Supplemental Environmental Document & Economic Analysis Wasteload Allocation Update –CDM Smith
6. SAR Wasteload Allocation Basin Plan Amendment Status – Risk Sciences/Regional Board
7. Triennial Ambient Water Quality Update Presentation – CDM Smith/DBSA
8. SAR Wasteload Allocation Model Update – Geoscience
9. Dewatering Project Permit Status from USACE – Regional Board/SAWPA
10. Southern California Salinity Coalition Study Status – CDM Smith/DBSA/Risk Sciences
11. Future Meetings
12. Adjournment

Basin Monitoring Program Task Force

June 15, 2017

ATTENDEES:

Al Javier, EMWD
Ashley Gibson, YVWD
Cindy Li, Regional Board
David Jensen, CDM Smith, Inc.
Dennis Williams, GeoScience
Edgar Tellez Foster, CBWM
Edward Filadelfia, Riverside RWQCP
Greg Herzog, City of Riverside PU
Greg Woodside, OCWD
Jayne Joy, EMWD
Jennifer McMullin, City of Corona
Jennifer Shepardson, SBMWD
Johnson Yeh, GeoScience
Kapo Coulibaly, Geoscience
Lynn Merrill, City of Rialto
Marissa Flores-Acosta, SBMWD
Mark Williams, GeoScience
Michael Cruikshank, DBSA
Parag Kalaria, EVMWD
Robert Eland, City of Riverside
Rocky Welborn, IEUA
Sudhir Mohleji, EVMWD
Tim Moore, Risk Sciences
Mark Norton, SAWPA
Rick Whetsel, SAWPA
Zyanya Blancas, SAWPA
Phone: Keith Person, Regional Board
Phone: Peter Kavounas, CBWM

Call to Order/Introductions

The Basin Monitoring Program Task Force (Task Force) meeting was called to order at 1:33 p.m. at the Santa Ana Watershed Project Authority (SAWPA) office located at 11615 Sterling Avenue, Riverside, California. Brief introductions were made.

Public Comments

There were no public comments.

Approval of May 15, 2017 Meeting Summary

Meeting summary was approved with minor edits.

Draft 2016 Annual Report of Santa Ana River Water Quality - SAWPA

The Santa Ana River Water Quality Annual Report was distributed to the Task Force for comments and edits. These are due no later than COB Friday, June 23, 2017 to him at Rick Whetsel at rwhetsel@sawpa.org. The report is expected to be submitted to the Regional Board by the end of June 2017.

Supplemental Environmental Document & Economic Analysis Update – CDM Smith/DBSA

CDM Smith, Inc. noted that Richard Meyerhoff, PhD has been assigned to work with Daniel B. Stephens & Associates, Inc. (DBSA) to complete the Supplemental Environmental Documents and Economic Analysis. Joe LeClair and Hannah Erbele have since then been hired by DBSA and will continue working on this project. A formal update of the Supplemental Environmental Documents and Economic Analysis from CDM Smith, Inc. will be provided at a future meeting.

SAR Wasteload Allocation Basin Plan Amendment Status – Risk Sciences/Regional Board

Tim Moore stated that the staff report to approve the WLAM is in the final stages and they are in the process of submitting a formal application of the assimilative capacity. He provided a background on the WLAM Basin Plan Amendment.

For the Riverside A basin, the 2009 Recycled Water Policy helps define what must be considered to use assimilative capacity. It asks 1) What is the current average groundwater quality? 2) What amount of assimilative capacity and 3) what rate is assimilative capacity is being consumed? Since the water quality objective for Riverside A is 6.2 mg/L Nitrate-N, the long-term nitrate levels must remain below this value to

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order to ensure the assimilative capacity is not likely to be consumed. Based on the recent ambient water quality update for Riverside A for the 1996 – 2015 time period conducted by Daniel L. Stephens and Associates, the nitrate-N value is 5.6 for the 1996 to 2015 time period. The 2015 Geoscience study conducted for WMWD, SBVMWD, City of San Bernardino and City of Riverside under the Imported Water Recharge workgroup groundwater modeling shows that for the projected period of 2015-2034 the concentration is 5.8 mg/L as the projected average ambient water quality. Further, this nitrate-N value will remain low based on projections of estimated recharge quality by Wildermuth Environmental Inc.'s 2015 study that show values of 5.5 mg/L nitrate-N for a period of 62 years. Mr. Moore felt then that we have high confidence that the assimilative capacity will be available and can be used.

Triennial Ambient Water Quality Update – CDM Smith, Inc.

On June 9, 2017, CDM Smith, Inc. submitted a letter to SAWPA requesting that Task Order CDM-374 be extended to September 30, 2017 and be increased to $405,113.

Schedule Extension

CDM Smith, Inc. stated that some of the requisite data were not received on time, approximately 8 months after original schedule, due in part to agencies providing data having to be re-contacted to resolve data issues and the need to unexpected staff changes within CDM Smith, which caused a several-week delay in performing the technical analysis. They determined that the completion of the Technical Memorandum (Tech Memo) documenting the results of their analysis cannot be completed by June 30, 2017 as proposed. Their proposed revised schedule for completing the work includes: delivery of the draft Tech Memo to SAWPA by July 31, 2017; review and comment by SAWPA by August 30, 2017; and submittal of the final Tech Memo to the Regional Board by September 30, 2017.

Budget Increase

The original budget to complete Task Order CDM-374 was $167,780 and the cost incurred due to the data issues was $203,733. The additional cost associated with data activities is $35,953. These costs are associated with additional work performed to complete the identified tasks and do not include any additional scope of work.

Peter Kavounas, P.E., General Manager of Chino Basin Watermaster, voiced his concerns regarding the effects on schedule and cost due to CDM Smith's proposed change order.

MOVED to authorize SAWPA to send a letter on behalf of the Task Force to Regional Board requesting a time extension to submit the 2017 Triennial Ambient Water Quality Update.

Results: **Adopted (Unanimously)**
Motion/Second: Kavounas/Woodside

The Task Force agreed to postpone the Change Order approval. A conference call will take place with the Task Force and CDM Smith to discuss in full detail the reasoning behind the schedule and budget extension. It was mentioned that the data maps that were contoured for the Agricultural Pool have been submitted to them for their edits and they are expected to return their edits by end of this week. Final calculations will be completed by June 30th.

Discussion ensued by Michael Cruikshank, DBSA, and a PowerPoint presentation was provided on the Recomputation of Ambient Water Quality in the Santa Ana River Watershed for the Period 1996-2015. It was recommended that for future ambient water quality updates that the aquifer's geometrics be updated.

SAR Wasteload Allocation Basin Plan Amendment Status – Geoscience

Johnson Yeh, GeoScience, provided a PowerPoint presentation on the model development of the existing WLAM boundary area. There were 522 subareas that were delineated. Each subarea consisted of stream segments, pervious land area, and impervious land area. The subareas were delineated based on topography, drainage patterns, types of streams channels, and location of gaging stations and recharge basins. Summary of calibration performances for gaging stations R4 and HSPF daily streamflow and monthly streamflow presented satisfactory, except for Chino Creek at Schaefer Avenue.

Dewatering Project Permit Request from USACE – Regional Board
Cindy Li, Regional Board, stated that the USACE has submitted their permit and was given the option to join the Task Force; they will be required to provide their share of modeling costs for the previous two years. They are being required to monitor their discharges.

Southern California Salinity Coalition Study Status – CDM Smith/DBSA/Risk Sciences
CDM Smith, Inc. is exploring the option of subcontracting DBSA to work on the Southern California Salinity Coalition Study. A formal update will be provided at a future Task Force meeting.

Future Meeting
The next Basin Monitoring Program Task Force meeting is scheduled for Wednesday, August 16, 2017 at 1:30 p.m. and September 19, 2017 at 1:30 p.m.

Adjournment
3:24 p.m.

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